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Attorney Docket No. UND007
Client/Matter No. 83208.0010
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Group Art Unit: 2631

Examiner:

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HE UNITED STATES PATENT AND TRADEMARK OFFICE

Technology Center 260

In re Application of:

Gregory Hagan Moulton

Serial No. 09/781,920

Filed: February 12, 2001

For: SYSTEM AND METHOD FOR REPRESENTING AND MAINTAINING REDUNDANT DATA SETS UTILIZING DNA TRANSMISSION AND

TRANSCRIPTION TECHNIQUES

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.56

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

Applicant hereby submits for filing under 37 CFR 1.97 a disclosure statement. The patents, publications or other information of which Applicant is presently aware are listed in Form PTO-1449 submitted herewith and copies of all such patents and publications are attached hereto.

Although this IDS is filed before a first office action, if any fee is required with this submittal please charge Deposit Account No. 50-1123.

Signed on 0.5 6 070 Jun 200

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William J. Kubida, Rég. No. 29,664

submitted.

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Sheet 1 of 3 FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE SERIAL NO. ATTY. DOCKET NO. UND007 PATENT AND TRADEMARK OFFICE Client/Matter No. 83208.0010 09/781,920 INFORMATION DISCLOSURE STATEMENT BY APPLICAL USe several sheets if necessary) APPLICANT Gregory Hagan Moulton GROUP FILING DATE 0.9 2001 February 12, 2001 2631

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U.S. PATENT DOCUMENTS

(C)						
EXAMINER	PATENT	ISSUE				FILING DATE
NITIAL	NUMBER	DATE	PATENTEE	CLASS	SUBCLASS	APPROPRIATE
	4,887,235	12/12/89	Holloway et al.	364	900	12/3/87
	5,448,718	9/5/95	Cohn et al.	395	404	4/20/92
	5,452,440	9/19/95	Salsburg	395	463	7/16/93
-	5,454,099	9/26/95	Myers et al.	395	575	7/25/89
····	5,479,654	12/26/95	Squibb	395	600	3/30/93
	5,487,160	1/23/96	Bemis	395	441	12/4/92
	5,497,483	3/5/96	Beardsley et al.	395	575	9/23/92
	5,513,314	4/30/96	Kandasamy et al.	395	182.04	1/27/95
	5,515,502	5/7/96	Wood	395	182.13	9/30/93
	5,524,205	6/4/96	Lomet et al.	395	182.14	4/21/93
	5,544,320	8/6/96	Konrad	395	200.09	6/7/95
	5,559,991	9/24/96	Kanfi	395	489	6/27/95
	5,574,906	11/12/96	Morris	395	601	10/24/94
	5,586,322	12/17/96	Beck, et al.	395	616	6/2/95
	5,604,862	2/18/97	Midgely et al.	395	182.04	3/14/95
	5,606,719	- 2/25/97 -	Nichols et al	-395	-876	-6/7/95
	5,640,561	6/17/97	Satoh et al.	395	618	6/6/95
	5,659,743	8/19/97	Adams et al.	395	621	12/5/94
	5,659,747	8/19/97	Nakajima	395	651	4/22/93
	5,696,901	12/9/97	Konrad	395	200.09	5/24/96
	5,751,936	5/12/98	Larson et al.	395	182.05	5/13/96
	5,754,844	5/19/98	Fuller	395	606	12/14/95
	5,765,173	6/9/98	Cane et al.	707	204	1/11/96
	5,771,354	6/23/98	Crawford	395	200.59	11/4/93
	5,802,264	9/1/98	Chen et al.	395	182.04	11/15/91
	5,802,297	9/1/98	Engquist	395	200.42	7/3/95
	5,263,154	11/16/93	Eastridge et al.	395	575	4/20/92
	5,276,860	1/4/94	Fortier et al.	395	575	12/19/89
	5,276,867	1/4/94	Kenley et al.	395	600	12/19/89
	5,278,838	1/11/94	Ng et al.	371	10.1	6/18/91

382 8/30/91 5,305,389 4/19/94 **Palmer** 395 600 5,317,728 5/31/94 Tevis et al. 5,325,505 6/28/94 H ffecker tal. 395 425 395 600 6/28/91 9/13/94 Flynn et al. 5,347,653 395 200 10/13/92 10/11/94 R wet al. 5,355,453 5,367,637 11/22/94 Wei 395 250 3/26/92 800 10/31/91 395 5,367,698 11/22/94 Webber et al. Konrad et al. 395 600 12/3/92 4/4/95 5,404,508 5,403,639 4/4/95 Belsan et al. 395 600 9/2/92 2/13/87 200 4,887,204 12/12/89 Johnson et al. 364 200 9/8/87 4/2/91 Griffin et al. 364 5,005,122 2/25/94 5,535,407 7/9/96 Yanagawa et al. 395 800 172.5 6/12/70 3,668,647 6/6/72 Evangelisti et al. 340 4/30/86 2/13/90 364 200 Rhyne 4,901,223 12/3/96 8/11/98 McClain 707 204 5,794,254 Gelb et al. 364 200 1/26/89 5,018,060 5/21/91 10/19/90 11/10/92 Graber et al. 364 146 5,162,986 5,163,148 11/10/92 Walls 395 600 8/11/89 12/10/91 9/19/95 Basu 395 700 5,452,454 395 600 2/5/90 5,218,695 6/8/93 Noveck et al. 9/7/90 600 5,239,647 8/24/93 Anglin et al. 395 5,239,659 8/24/93 Rudeseal et al. 395 800 6/19/91 5,239,637 8/24/93 Davis et al. 395 425 6/30/89 9/30/93 1/3/95 5,379,418 Shimazaki et al. 395 575 1/1/91 McConaughy et al. 364 200 12/12/88 4,982,324 5,109,515 4/28/92 Laggis et al. 395 725 9/28/87 10/13/92 425 11/19/90 Belsan 395 5,155,835 5,133,065 7/21/92 Cheffetz et al. 395 575 7/27/89 2/18/92 5,089,958 Horton et al. 395 575 1/23/89 9/8/92 9/6/88 395 325 5,146,568 Flaherty et al. 6,085,298 7/4/00 Ohran 711 162 10/1/98 7/7/98 5,778,395 Whiting et al. 707 204 10/23/95 1/11/00 707 5/16/98 6,014,676 McClain 204 4,649,479 3/10/87 Advani et al. 364 300 2/28/85 7/29/80 10/23/78 4,215,402 Mitchell et al. 364 200 1/30/90 4,897,781 364 200 2/13/87 Chang et al. 5,210,866 5/11/93 Milligan et al. 395 575 9/12/90 4/4/95 Irwin et al. 12/31/92 5,404,527 395 700 2/22/00 707 1/23/98 6,029,168 Frey 10 6,122,754 9/19/00 Litwin et al. 714 4 5/22/98 5,978,791 11/2/99 2 10/24/97 Farber tal. 707

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	5,649,196	7/15/97	Woodhill et al.	395	620	11/9/95	
10.30 July 5	4,761,785	8/2/88	Clark et al.	371	51	6/12/86	1000
OCI S	6,016,553	1/18/00	Schneider et al.	714	21	6/26/98	mology Cento
TRIO TRIO	5,943,443	8/24/99	Itonori et al.	382	225	6/23/97	eme
	6,021,409	2/1/00	Burrows	707	102	9/8/98	
0	P 8,842,224	11/24/98	Fenner	711	202	6/30/94	
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CERTIFICATE OF MAILING BY EXPRESS MAIL

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

The undersigned hereby certifies that the attached Information Disclosure Statement, Form PTO-1449, photocopies of 78 references, return card and this Certificate of Mailing by Express Mail, relating to the above application, were deposited as "Express Mail" Mailing Label No. EL910769472US, with the United States Postal Service, addressed to The Assistant Commissioner for Patents, Washington, D.C., 20231 on 500.

5 Ookber 2

05 Großen 2001

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